

Project Name: 336 GREAT RD.

Lab Number: L0811890

Project Number: Not Specified

Report Date: 08/18/08

## Sample Receipt and Container Information

Were project specific reporting limits specified? YES

## Cooler Information

<b>Cooler</b>	<b>Custody Seal</b>
A	Absent

## Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0811890-01A	Vial MeOH preserved	A	N/A	17C	Y	Absent	MCP-8260HLW(14)
L0811890-01B	Vial water preserved	A	N/A	17C	Y	Absent	MCP-8260HLW(14)
L0811890-01C	Vial water preserved	A	N/A	17C	Y	Absent	MCP-8260HLW(14)
L0811890-01D	Amber 100ml unpreserved	A	N/A	17C	Y	Absent	EPH-DELUX-04(14),MCP-8082-04(14)
L0811890-01E	Amber 100ml unpreserved	A	N/A	17C	Y	Absent	MCP-BA-6010T(180),MCP-AS-6010T(180),MCP-PB-6010T(180),MCP-AG-6010T(180),MCP-SE-6010T(180),MCP-7471T(28),MCP-CD-6010T(180),MCP-CR-6010T(180)
L0811890-01F	Amber 100ml unpreserved	A	N/A	17C	Y	Absent	TS(7)
L0811890-01G	Amber 100ml unpreserved	A	N/A	17C	Y	Absent	TS(7)

## Container Comments

L0811890-01A	IR Gun
L0811890-01B	IR Gun
L0811890-01C	IR Gun
L0811890-01D	IR Gun
L0811890-01E	IR Gun
L0811890-01F	IR Gun
L0811890-01G	IR Gun

\*Hold days indicated by values in parentheses



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## GLOSSARY

### Acronyms

- EPA - Environmental Protection Agency.
- LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
- LCSD- Laboratory Control Sample Duplicate: Refer to LCS.
- MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
- MSD - Matrix Spike Sample Duplicate: Refer to MS.
- NA - Not Applicable.
- NI - Not Ignitable.
- NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
- ND - Not detected at the reported detection limit for the sample.
- RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
- RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

### Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

### Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

### Standard Qualifiers

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

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### REFERENCES

- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.
- 60 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-III A (Revision 5). May 2004.
- 61 Method for the Determination of Extractable Petroleum Hydrocarbons (EPH). Massachusetts Department of Environmental Protection, DEA/ORS/BWSC. May 2004, Revision 1.1.
- 64 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-III A (Revision 5). August 2004.

### LIMITATION OF LIABILITIES

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We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



